

SAIL-M12GM8SG-4S1.5UIE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, EtherCAT and Ethernet.

General ordering data

Version	Bus line, Connecting line, M12 / M8, Number of poles: 4, 1.5 m, Male, straight - male, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1296790150
Type	SAIL-M12GM8SG-4S1.5UIE
GTIN (EAN)	4050118110760
Qty.	1 pc(s).

Creation date December 1, 2023 3:56:53 PM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight	66 g
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Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	5 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	1.5 m	Colour coding	blue, orange, white / blue, white / orange
Configurable cable length	No	Core cross-section	0.15 mm ²
Halogen	No	Hybrid cable	No
Insulation	PP	Irradiation crosslinked	No
Number of poles	4	Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)
Outside diameter	4.8 mm ± 0.3 mm	Resistant to welding beads	No
Sheath material	PUR	Sheathing colour	green
Shielded	Yes	Speed	180 m/s
Suitable for cable carriers	Yes	Temperature range, stationary	-40...80 °C
Welding spark resistance	No		

General technical data

Connection thread	M12 / M8	Contact surface	Gold-plated
Housing main material	PUR	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	30 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M8: 0.5 - 0.6 Nm, M12: 0.8 - 1.2 Nm
Version	Male, straight - male, straight	jumpered	No

Electrical properties

Rated voltage	30 V
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Plug

Plug	Cable side	left	
	Version of contact face	M12	
	Protection degree (IP)	IP67	
	Gender of contact	male contact	
	Outlet direction	straight	
	Housing main material	Plastic	
	Shielding available	Yes	
	Cable side	right	
	Version of contact face	M8	
	Protection degree (IP)	IP67	
	Gender of contact	male contact	
	Outlet direction	straight	
	Housing main material	Plastic	
	Shielding available	Yes	
	Plug left	M12, IP67, male contact, straight, Plastic, shielded	
	Plug right	M8, IP67, male contact, straight, Plastic, shielded	

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Technical data**Classifications**

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ECLASS 9.0	27-06-03-08	ECLASS 9.1	27-06-03-08
ECLASS 10.0	27-06-03-08	ECLASS 11.0	27-06-03-08
ECLASS 12.0	27-06-03-08	ECLASS 13.0	27060308

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Approvals

Approvals



ROHS	Conform
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Downloads

Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

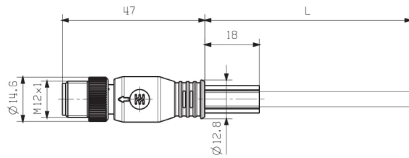
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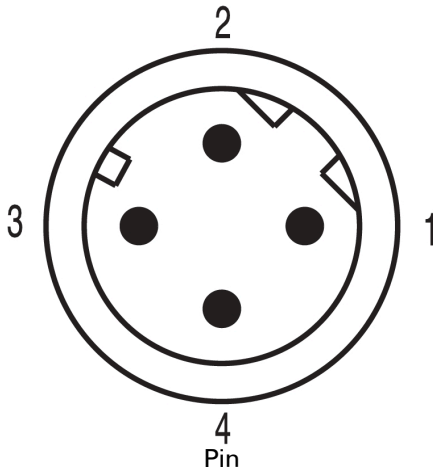
Drawings

Dimensioned drawing

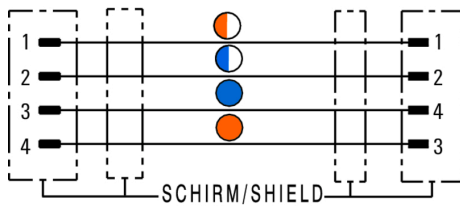


Male, straight

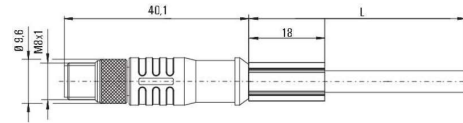
Pole scheme



Wiring diagram

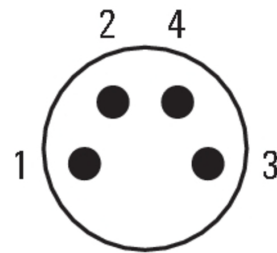


Dimensioned drawing



Male, straight

Pole scheme



Male connector

The ideal tool: **Screwty®** with torque function

Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F